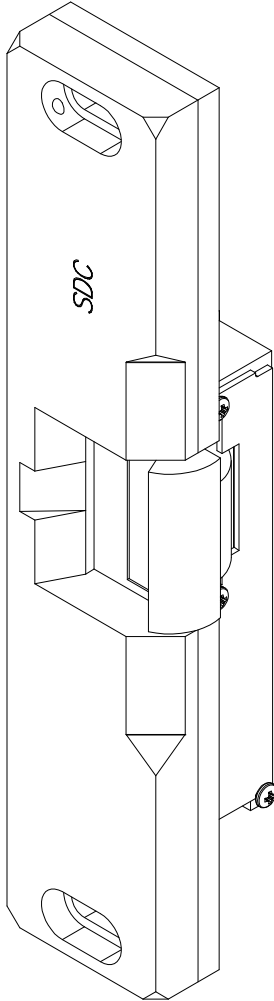




INSTALLATION INSTRUCTIONS

30-4 RIM MOUNT ELECTRIC STRIKE



SDC's 30 series 3/4" pullman latchbolt electric strikes are designed for use with rim mount exit devices having pullman type latchbolts. 30 series strikes accept 3/4" throw pullman style latchbolts.

Built with all stainless steel parts and stainless steel housing for maximum lifespan, corrosion and tamper resistance, the heavy duty construction makes 30 series strikes ideal for high traffic applications. Additionally, 30 series strikes feature inframe horizontal adjustability, set screws to allow for adjustment lockdown, milled ramps to better accommodate deadlatches, and an integrated space plate shim for quick customization of faceplate thickness.

30 series strikes come standard in failsecure operation and are fire-rated. Failsecure operation unlocks the keeper when energized and locks the keeper when de-energized or during power failure.

Failsafe operation is optional but is not permitted with UL fire door accessory label. Failsafe operation locks the keeper when energized and unlocks when de-energized or during a power failure.

30 series strikes are not compatible with SDC's S6000 exit devices. Utilize 30 series dimensional reference on Page 4 to confirm exit device compatibility before ordering and installing.

Specifications:

Models: 30 – 4 – 12 (3/4" Pullman Latchbolt Strike 12 VDC)
30 – 4 – 24 (3/4" Pullman Latchbolt Strike 24 VDC)

Options: FS – Fail-Safe Operation
LCBMA – Latch & Locking Cam Monitoring

Voltage: .51 Amps @ 12 VDC
.25 Amps @ 24 VDC



Installation Directions

CAUTION!

Before connecting any device at the installation site, verify input voltage using a multimeter. Many power supplies and low voltage transformers operate at higher levels than listed. Any input voltage exceeding 10% of the solenoid rating may cause severe damage to the unit and will void the warranty.

Preparing the Strike

1. ATTACH the faceplate to the strike body using the #12-24 x 3/8" Body Mounting screws as illustrated in "Attaching the Faceplate" on Page 3.
2. IF using the LCBMA (Latchbolt & Locking Cam Monitor), THEN See "Monitoring Switches" below for wiring instructions.

NOTE: The strike body ships as either a 12 or 24 volt unit and is not field selectable.

3. VERIFY the available voltage is +/- 10% of the rated voltage of the strike body.

Preparing the Frame

4. PREPARE frame using the dimensional reference on Page 4.
5. TEST FIT the electric strike in the door frame.
6. IF there is not enough clearance between the exit device and the door strike, THEN REMOVE the spacer plate as shown on Page 3.

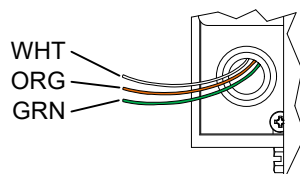
Finishing the Installation

7. CONNECT the Plug in Connector to the electric strike and CONNECT wires from the Plug in Connector leads to the power source.
8. INSTALL the electric strike unit in jamb cutout, using the provided #12-24 x 1/2" faceplate mounting screws.
9. ADJUST the strike horizontally as shown on Page 3. to accommodate any door silencers or smoke seals.

Monitoring Switches

Latchbolt Monitor (LBM)

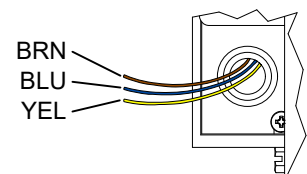
White: COM
Orange: N/O
Green: N/C



Locking Cam Monitor (LCM)

Brown: COM
Blue: N/O
Yellow: N/C

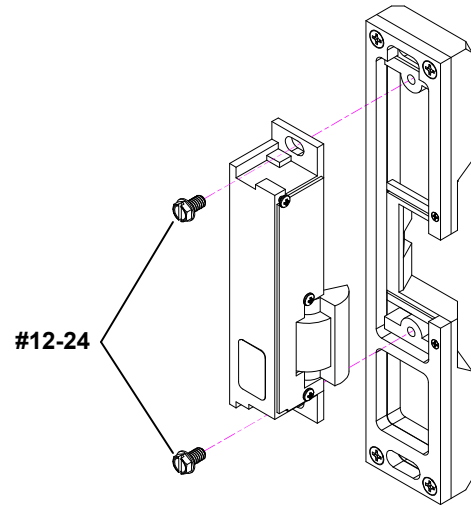
* When Secured



Installation Directions Cont.

Attaching the Faceplate

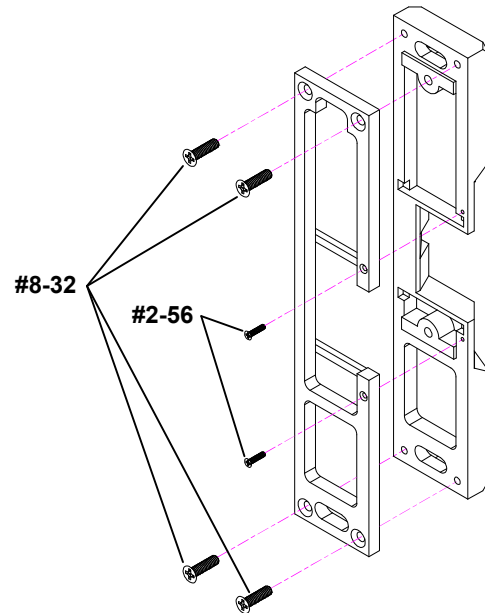
1. To attach the 30-4 series electric strike body to the faceplate, INSTALL with two #12-24 body mounting screws as shown.
2. ENSURE the #12-24 body mounting screws are tightened and secured.
3. ADJUST the keeper position by loosening the #12-24 body mounting screws, and repositioning the strike body as needed.
4. RETIGHTEN the #12-24 body mounting screws after adjustment is made.



Removing the 1/4" Spacer Plate

NOTE: A 1/4" spacer plate is preinstalled to the strike faceplate. Removal of the spacer plate will decrease faceplate thickness from 3/4" to 1/2".

1. REMOVE the four #8-32 screws and two #2-56 screws.
2. REMOVE the spacer plate.

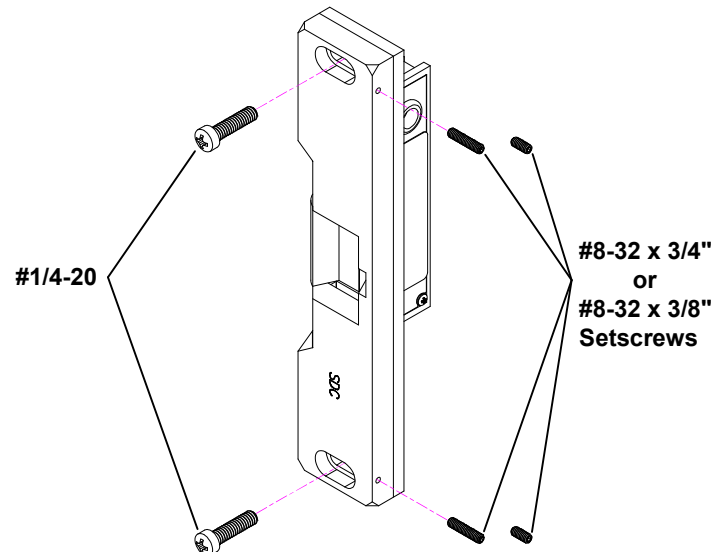


Adjusting the Horizontal

1. LOOSEN the two #1/4-20 faceplate mounting screws.
2. ADJUST the strike to the appropriate position.
3. TIGHTEN the two #1/4-20 faceplate mounting screws.

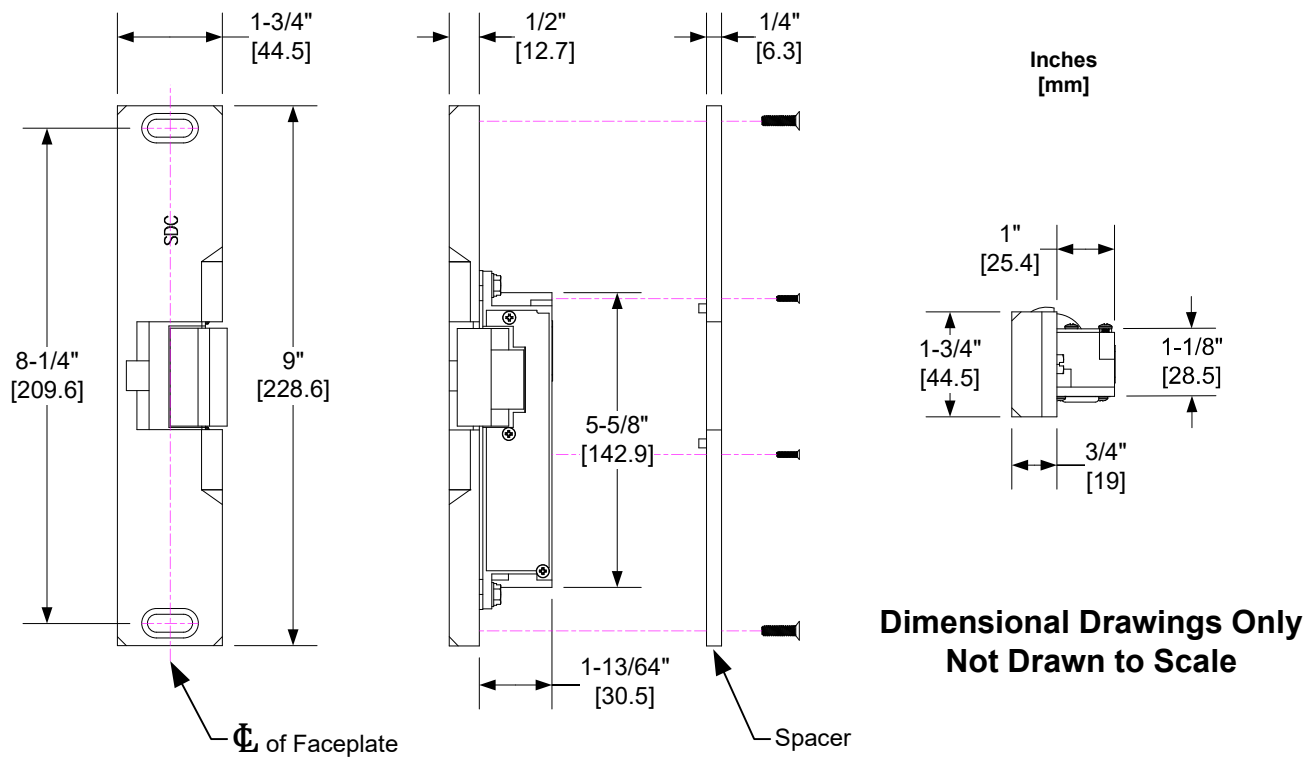
NOTE: A #8-32 x 3/8" and #8-32 x 3/4" setscrews are provided. Proper selection will secure the #1/4-20 faceplate mounting screws, but not protrude from the strike body.

4. LOCK DOWN the adjustment by installing the provided set screws.



Dimensional Reference for Frame Preparation

Strike Dimensions



Frame Dimensional Cutout

